

Applicant: Manna et al.
Application No.: 10/813,815

Amendment to Abstract:

An apparatus for separating impurities from a liquid by a non-dispersive contacting of a liquid-liquid reactive systems, said the liquids being immiscible with each other, ~~which comprises~~ having a cylindrical column separated into a first stage and a second stage, a plurality of modules of packed metallic fibers mounted in the first stage of said the column on a support, a first distributor provided in the first stage of the column for distributing a first liquid located above said the support such that said the first liquid completely wets said the fibers by capillary action and forms a film thereon, a second distributor fitted at a bottom portion of the second stage for distributing a second liquid containing impurities on to the metallic fibers, wherein said the second liquid ~~flow co-currently~~ flows concurrently with said first liquid so that the impurities present in said the second liquid react with said the first liquid and dissolve therein and a separator connected to a bottom of said column ~~for separating~~ separates the first liquid and purified second liquid.